Landsat 7 Educational Activity	Date:
Finding Impact Craters with Landsat Student Name:	Class Period:
	Worksheet for Step 1: errestrial Object Hits the Earth
	aterrestrial object hits the Earth at hypervelocity, more than s fast as 20-25 km/sec. (Smaller objects slow down or are faster than sound (about 300 m/sec).
The object comes to a stop in about one hur	ndredth of a second.
	amount of kinetic energy. What would be the effect d earth, the air, and living things? What forms might Respond here:
Effects on rocks and soil:	
Effects on the shape of the land (topography	/):
Effects on the air:	
Effects on living things:	
	stronger than any material it hits. What could be the effects and on large bodies of water? Respond here:

3. What would be the effects of impact on the object itself? Would it remain intact (in one piece)? Respond here: